

## **ABSTRACT**

### **ULTRASOUND IMAGING HARDWARE AND SOFTWARE PACK**

Ultrasound imaging pack (16) composed of a hardware part for ultrasound imaging preprocessing and of a software part intended to be installed on a microcomputer, the hardware part including at least one ultrasound probe (17) connected (17A) to a module (18) of electronic circuits at least part of which is configurable, this module comprising analog FEC circuits (31), an assembly of analog/digital converters, an array of logic electronic gates (33, 34) and a high throughput link (35) between this module and the microcomputer, the software part being stored on a removable medium (26).

### **FIGURE 3**